

***Amendments***

***In the Specification:***

Please insert the following into the specification:

Please insert the sequence listing, pages 1-42, at the end of the application.

Please amend the specification as follows:

At page 11, lines 11-12, please delete the paragraph occurring at lines 11-12 and substitute the following paragraph therefore:

*a1*

*Sub B11*

-- Figure 19. Comparison of the aspartokinase (*ask*) amino acid sequence from ATCC13032 (SEQ ID NO: 35), N13 (SEQ ID NO: 36) and ATCC21529 (SEQ ID NO: 2). The consensus sequence (SEQ ID NO: 37) is also shown.--

*a2*

At page 47, line 12, please delete line 12 and substitute therefore:

-- *ask*: 5'-GGGTACCTCGCGAAGTAGCACCTGTCAC-3' (SEQ ID NO: 22);--

*a3*

At page 47, line 13, please delete line 13 and substitute therefore:

--*asd*: 5'-GC GGATCCCCCATCGCCCCCAAAGA-3' (SEQ ID NO: 23);--

*a4*

At page 47, line 14, please delete line 14 and substitute therefore:

--*dapB*: 5'-AACGGGCGGTGAAGGGCACT-3' (SEQ ID NO: 24);--

*a5*

At page 47, line 15, please delete line 15 and substitute therefore:

--*dapA*: 5'-TGAAAGACAGGGGTATCCAGA-3' (SEQ ID NO: 25);--

*a6*

At page 47, line 16, please delete line 16 and substitute therefore:

--*ddh*: 5'-CCATGGTACCAAGTGC GTGGCGAG-3' (SEQ ID NO: 26);--

At page 47, line 17, please delete line 17 and substitute therefore:

a 7

--5'-CCATGGTACCACTGTTCCCTTGC-3' (SEQ ID NO: 27);--.

At page 47, line 18, please delete line 18 and substitute therefore:

a 8

--argS: 5'-CTGGTCCGGCGAGTGGAGGCCACCATTCCGCGAGG-3' (SEQ ID NO: 28); and--.

At page 47, line 19, please delete line 19 and substitute therefore:

a 9

--lysA: 5'-CTCGCTCCGGCGAGGTGGAGGCAACTTCTGCGACG-3' (SEQ ID NO: 29), a--.

At page 57, line 20, please delete line 20 and insert therefore:

a 10

--ask: 5'-GGGTACCTCGCGAAGTAGCACCTGTCAC-3' (SEQ ID NO: 22);--.

At page 57, line 21, please delete line 21 and insert therefore:

a 11

--asd: 5'-GCGGATCCCCATCGCCCCCAAAGA-3' (SEQ ID NO: 23);--.

At page 57, line 22, please delete line 22 and insert therefore:

a 12

--dapB: 5'-AACGGGCGGTGAAGGGCAACT-3' (SEQ ID NO: 24);--.

At page 57, line 23, please delete line 23 and insert therefore:

a 13

--dapA: 5'-TGAAAGACAGGGGTATCCAGA-3' (SEQ ID NO: 25);--.

At page 57, line 24, please delete line 24 and insert therefore:

a 14

--ddh1: 5'-CCATGGTACCAAGTGCGTGGCGAG-3' (SEQ ID NO: 26);--.

At page 57, line 25, please delete line 25 and insert therefore:

a 15

--ddh2: 5'-CCATGGTACCAACTGTTCCTTGC-3' (SEQ ID NO: 27) Kpn I  
sites:GGTACC (SEQ ID NO: 30);--.

At page 57, line 26, please delete line 26 and insert therefore:

a14

--*argS*: 5'-CTGGTTCCGGCGAGTGGAGGCCGACCATTCCGCGAGG-3' (SEQ  
ID NO: 28)--.

At page 57, line 27, please delete line 27 and insert therefore:

a17

--*lysA*: 5'-CTCGCTCCGGCGAGGTGGAGGCCAACTTCTGCGACG-3' (SEQ  
ID NO: 29)--.

At page 58, line 3, please delete line 3 and insert therefore:

a18

--UCdraI: 5'-GGATCTTCACCTAGATCC-3' (SEQ ID NO: 31)--.

At page 58, line 4, please delete line 4 and insert therefore:

a19

--UcsspI: 5'-CCCTGATAAAATGCTTC-3' (SEQ ID NO: 32)--.

At page 64, line 2, please delete line 2 and insert therefore:

a20

--*lysA* (ATG): CCGGAGAAGATGTAACAATGGCTAC (SEQ ID NO: 33)--.

At page 64, line 3, please delete line 3 and insert therefore:

a21

--*LysA3B*: CCTCGACTGCAGACCCCTAGACACC (SEQ ID NO: 34)--.